

Date: Wed, 28 Apr 93 01:38:53 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #509  
To: Info-Hams

Info-Hams Digest                      Wed, 28 Apr 93                      Volume 93 : Issue 509

Today's Topics:

                    2m beam  
                    AM Modulation Question  
                    Beacon LU1FHH on 10m  
                    Charger time for Alinco DJ-580T  
                    Fast connect/disconnect (in/out) mobile rigs?  
                    ferrite bead baluns  
                    Freebies from ARRL HQ (2 msgs)  
                    KDK 2025 Manuals?  
                    no-code defense (3 msgs)  
                    PC CW software  
                    TS-50 Accessories

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Tue, 27 Apr 93 11:48:33 GMT  
From: news.cerf.net!pagesat!netsys!agate!howland.reston.ans.net!torn!nott!cunews!  
revcan!balsam!cowan@network.UCSD.EDU  
Subject: 2m beam  
To: info-hams@ucsd.edu

Hi. I live in an apartment building and would like to build a half decent  
beam. It would be a trade off between directivity and space, I realise, but  
if anyone has a plan for a beam and would be interested in sharing it I would  
appreciate it.

I am considering either a yagi or a quad, but I don't know the sizes. I have

been told the ARRL antenna book is very good, so I'll probably pick it up.

This is for 2m by the way...

73

-darin

--

Darin Cowan - cowan@balsam.pinetree.org | I just try to make people's  
VE3 OIJ | lives a little more surreal

-----  
Date: Tue, 27 Apr 1993 19:39:40 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!usc!sdd.hp.com!  
hpscit.sc.hp.com!news.dtc.hp.com!srngenprp!alanb@network.UCSD.EDU

Subject: AM Modulation Question

To: info-hams@ucsd.edu

keith@radio.nl.nuwc.navy.mil (keith@radio.nl.nuwc.navy.mil) wrote:

: In article <1rhhr5INN1th@chnews.intel.com> jrbromley@joshua.intel.com writes:

: >The latest-style solid-state MF AM broadcast transmitters use a system

: >that has a number of gated RF amplifiers driven by an audio A/D converter.

: There are two things about that method that are particularly interesting:

: 1. They get good sounding audio while only having 48 RF amplifier modules to  
: switch off and on (at least in the version I saw.) If they didn't play  
: any "tricks", that would be awful... it wouldn't even be 6 bit resolution.  
: 6 bits would be 64 modules. They get around this by not having all the  
: modules be equally weighted. Most of them are, but then there is one at  
: half power, one at one quarter power, etc. That way they get much finer  
: resolution than they would otherwise with 48 equally weighted modules.

One interesting advantage of this method is that defective modules can  
be replaced without taking the transmitter off the air! A missing module  
does cause some audio distortion, but not enough that most listeners  
would notice.

AL N1AL

-----  
Date: 28 Apr 93 06:16:00 GMT

From: news-mail-gateway@ucsd.edu

Subject: Beacon LU1FHH on 10m

To: info-hams@ucsd.edu

Hi, just heard the beacon LU1FHH on appr. 28265 kHz. It is not listed in any of my sources. It transmits nothing but the call. Who knows more? QTH? (the call is from the Argentine prov. of Santa Fe) Pwr? Beam? Schedule?  
73 de IK2RMZ - Martin - e-mail martin.zurn@jrc.it

-----  
Date: Tue, 27 Apr 1993 19:29:12 GMT  
From: saimiri.primate.wisc.edu!eng.ufl.edu!usenet.cis.ufl.edu!caen!nigel.msen.com!  
ilium!angus!chris@ames.arpa  
Subject: Charger time for Alinco DJ-580T  
To: info-hams@ucsd.edu

Hi. I just purchased a 12v 800ma ni-cad for my Alinco DJ-580T ht. I'm not sure of the model number of the charger but it's the standard one which came with my radio. The manual (yes I did read it) suggests 14 hours for the 7.2v battery. Any nice person have the bigger battery? Thanks.  
Chris N8UDK.

--  
Chris Oesterling (chris@angus.mi.org)  
Mystery Spot BBS, Royal Oak, MI -----?--

-----  
Date: 27 Apr 93 14:24:05 EST  
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa  
Subject: Fast connect/disconnect (in/out) mobile rigs?  
To: info-hams@ucsd.edu

In article <fred-mckenzie-270493095605@k4dii.ksc.nasa.gov>,  
fred-mckenzie@ksc.nasa.gov (Fred McKenzie) wrote:  
> Look for a mobile MOUNT that offers the quick-disconnect capability. Some  
> radios may have such a mounting bracket available as an option, but you may  
> also find what you want as in generic.

I just came across a CB "slide mount" in the '93 Radio Shack catalog (page 26). Catalog number 21-566 sells for \$17.95. It doesn't say whether or not the Coax is carried through, but I suspect it is. Just buy two: one for the house and one for the car!

73, Fred, K4DII

fred-mckenzie@ksc.nasa.gov

-----  
Date: 27 Apr 1993 21:45:10 GMT  
From: elroy.jpl.nasa.gov!usc!zaphod.mps.ohio-state.edu!sol.ctr.columbia.edu!  
usenet.ucs.indiana.edu!master.cs.rose-hulman.edu!master.cs.rose-hulman.edu!  
news@ames.arpa  
Subject: ferrite bead baluns  
To: info-hams@ucsd.edu

If I were to make a balun by slipping a bunch of ferrite beads over a piece of coax (RG-58, RG-8), how many of what kind of bead should I use and where can they be bought? Frequency coverage is 20,17,15,12, and 10 meters.

tnx es 73 de K9CUN, Jack

-----  
Date: 27 Apr 93 11:52:14 EDT  
From: pacbell.com!sgiblab!wetware!spunky.RedBrick.COM!psinntp!psinntp!  
arrl.org@network.UCSD.EDU  
Subject: Freebies from ARRL HQ  
To: info-hams@ucsd.edu

A reminder to all that the American Radio Relay League continues to make available to Amateur Radio Operators and non-amateurs alike a wide variety of free materials and services. Of particular interest to the not-yet-licensed individual would be the ARRL Prospective Ham Package. In the PHP, one would find:

- 
- 1. Printouts of Volunteer Examination session opportunities in his/her area.
- 
- 2. Listings of Amateur Radio clubs in his location.
- 
- 3. Helpful promotional material about the Amateur Radio Service.
- 

The already-licensed individual might well be interested in another free ARRL publication, the ARRL Public Service Communications Manual. The PSCM represents the "bible" of public service communications, and clearly/concisely points out how the ARRL National Traffic System and the ARRL Amateur Radio Emergency Service function as a cohesive unit to provide the maximum support to the public both in times of disaster as well as "normal" times.

-

To obtain either of these free ARRL services, please  
provide me with:

-

- A. Your name
- B. Your mailing address
- C. A Specific request for either of the two services  
above.

-

			Deputy Manager, Field Services, ARRL.
			The ARRL Amateur Radio Emergency Service, the ARRL
	uck	urder	National Traffic System, The Amateur Auxiliary to
-----			the FCC's Field Operations Bureau, the ARRL
	KY1T		Field Organization and the ARRL Monitoring System.

-----  
lhurder@arrl.org Prodigy - MGTS39A, BIX - ARRL,  
MCI Mail - RPALM, MCI Mail - "ARRL", America On Line - "ARRL HQ"  
Compuserve - 70007,3373 (ARRL HQ) -- Genie ARRL.HQ

-----  
Date: Tue, 27 Apr 1993 23:21:20 GMT  
From: netcomsv!netcom.com!jfh@decwrl.dec.com  
Subject: Freebies from ARRL HQ  
To: info-hams@ucsd.edu

lhurder@arrl.org (Luck Hurder KY1T) wrote:

>A reminder to all that the American Radio Relay League  
>continues to make available to Amateur Radio Operators and  
>non-amateurs alike a wide variety of free materials and  
>services.

[...]

>The already-licensed individual might well be interested  
>in another free ARRL publication, the ARRL Public Service  
>Communications Manual. The PSCM represents the "bible" of  
>public service communications, and clearly/concisely  
>points out how the ARRL National Traffic System and the  
>ARRL Amateur Radio Emergency Service function as a  
>cohesive unit to provide the maximum support to the public

>both in times of disaster as well as "normal" times.

I sent off for this one, and it's good. It clearly explains several topics which I had seen murkily explained everywhere else.

--

-----  
Jack Hamilton KD6TTL jfh@netcom.com PO Box 281107 SF, CA 94128 USA  
-----

Date: 28 Apr 1993 00:47:16 GMT  
From: news.cerf.net!pagesat!netsys!agate!howland.reston.ans.net!zaphod.mps.ohio-state.edu!moe.ksu.ksu.edu!uafhp!plaws@network.UCSD.EDU  
Subject: KDK 2025 Manuals?  
To: info-hams@ucsd.edu

We are looking for a manual for the above mentioned 2m rig (KDK 2025).

Reasonable copying costs gladly paid.

Please respond via email to N5UWY (plaws@uafhp.uark.edu) or K5G0E (jsc@engr.uark.edu).

TNX ES 73

PS- Our SM maintains a database of manuals, but this one is not in it.

Peter Laws|GEnie:P.LAWS1|"The '90s are gonna make the '60s|plaws@uafhp.uark.edu  
n5uwy@ka5bml.ar.usa.noam| look like the '50s" --D. Hopper|plaws@uafsysb.bitnet

-----  
Date: Sun, 25 Apr 1993 21:39:50 EST  
From: anomaly.sbs.com!n1mpq!news@uunet.uu.net  
Subject: no-code defense  
To: info-hams@ucsd.edu

little@nuts2u.enet.dec.com (nuts2u::little) writes:

> "system@garlic.sbs.com (Anthony S. Pelliccio)" writes:

>

>>I really don't have a big problem with the no-code license, but I do  
>>have a problem with no-code licensees who scream for this and that  
>>without making the effort to upgrade.

>

> Glad to hear that. I made the effort and I *\*still\** think the code

> requirement is a crock.

Well, I don't. It's still a good operating mode on HF.

>>It also depends on what area of the country you're in. I know out here,  
>>2m has become the CB of the ham bands. And hey, look at Britain where  
>>they won't allow their entry class licensees access to 144-146MHz  
>>because of "Congestion and poor operating practices."

>

> Right, and learning the code somehow instills good operating practices. I  
> guess those NALs the FCC has been handing out recently and the nonsense on  
> 14.313 are examples of "good operating practices". Please provide one  
> single shred of proof that learning morse code improves operating  
> practices.

You keep missing the point... are you totally clueless or what?

> I suppose the no-code bashing that seems to emanate from your system is  
> another example of the "good operating practices" you're hoping to find?

Uh huh! And by the way, look at the address, not all of it comes from  
Garlic...some comes from Mooch or Anomaly too!

> 73,  
> Todd  
> N9MWB

FOAD de KD1NR

```
-----  
-- Anthony S. Pelliccio, kd1nr/ae      // Yes, you read it right, the //  
-- system @ garlic.sbs.com             // man who went from No-Code //  
-----// (Thhhppptt!) to Extra in      //  
-- Flame Retardent Sysadmin           // exactly one year!         //  
-----  
-- This is a calm .sig! --  
-----
```

-----  
Date: Tue, 27 Apr 1993 21:47:00 GMT  
From: agate!news.ucdavis.edu!othello.ucdavis.edu!ez006683@ames.arpa  
Subject: no-code defense  
To: info-hams@ucsd.edu

system@garlic.sbs.com (Anthony S. Pelliccio) writes:  
: jim@n5ial.mythical.com (Jim Graham) writes:

:  
: > you don't need to defend yourself---the ``people'' flaming folks with the  
The people who need to defend themselves are the ones who operate poorly or  
illegally. Not terribly easy actions to defend. IMHO  
: > no-code license are, by far, the minority. they do \*NOT\* represent the  
: > opinion of the majority of Amateur Radio operators. there are some rather  
: > vocal anti-no-code types on this group, but hey, after the split of the  
: > group, they'll be limited to rec.radio.amateur.flame ;-} ... so you  
: > shouldn't need to worry about hearing from them, even, after that. :-)

:  
: Well, there isn't too much bad with the no-code license. It's just when  
: they start screaming for extra priveledges on HF etc that it gets me a  
Why is it OK for them to try to get priveledges on VHF but not on HF? After  
all it wasn't that long ago that no-code meant no license. Why do you draw a  
line at HF? It sounds to me like "I had to so should you." If that is the  
standard you wish to apply lets not give anybody civil rights either, unless  
they can recite the Constitution (I had to in school).

I don't see how a code requirement advance any of the principles of our service.

One of the purposes of the amateur radio service is to create a reserve of  
trained electronics techs. I think you could make a case for more stringent  
tech. requirements.: little bit bent out of shape. As for the opposition to the  
no-code

: license, well... if you look at QST roughly 10 years ago there's a  
: violent no-code stance in it.

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Do you mean a violent anti-no-code or pro-no-code stance?

Sorry I didn't keep up on QST until I became a ham in '91. If you mean  
anti-no-code then I guess we can all grow and change with the times.

Growing should never stop.

One of our others duties is to train pro. quality COMMUNICATORS.  
We don't need a morse code proficiency test to keep the ham bands from turning  
into a mess like we see on CB. What we need to prevent that are a bunch of  
amateurs that care enough to help others out and show them what being a good  
operator is all about. But looking at the mess ours bands are already in I guess  
that is not very likely to happen. In my brief time as an amateur I have  
elmered four new no-codes into amateur radio. (my girlfriend is number 4 and  
her license should be in Thursday's mail) They all know how to \*operate\* their  
radios. They all help keep our local spectrum from looking like CB. They have  
all participated in public service events, ( my girlfriends first will be May  
15th) they can all make a dipole and none of them whine.

I would rather hear a bunch of appliance operators who are coureous and  
put out clean signals than some idiot who splatters all over the band and  
care where he/she tunes up, tries to throw people off 'their' frequency because  
'I always have a sked here' It is always the courteous operator, or usenet user  
that get listened to, not just the one who is heard most loudly.

:Tony



And I was doing so well at staying out of this whole thread. ;-)

--

```
*-----*
* Daniel D. Todd      Packet: KC6UUD@WA6RDH.#nocal.ca.usa      *
*                    Internet: DDTODD@ucdavis.edu              *
*                    Snail Mail: 1750 Hanover #102              *
*                    Davis CA 95616                            *
*-----*
*      I do not speak for the University of California....    *
*      and it sure as hell doesn't speak for me!!             *
*-----*
```

-----

Date: Tue, 27 Apr 1993 15:43:14 EST  
From: anomaly.sbs.com!n1mpq!news@uunet.uu.net  
Subject: no-code defense  
To: info-hams@ucsd.edu

ap\_v132@king.ac.uk (Niall Pagdin) writes:

```
> Anthony S. Pelliccio (system@garlic.sbs.com) wrote:
> : miked@nauvax.ucc.nau.edu writes:
>
> : It also depends on what area of the country you're in. I know out here,
> : 2m has become the CB of the ham bands. And hey, look at Britain where
> : they won't allow their entry class licensees access to 144-146MHz
> : because of "Congestion and poor operating practices.".
>
> : Tony
>
> What exactly do you mean by 'entry class licencees'? I live in the UK and am
> just about to take my RAE (next week in fact) and I am not aware of any
> restrictions as to who can use the 144-146MHz band. Plus, I would just like t
> o
> point out that 'no-codes' as you call them, do not all pass by looking at a
> question pool. The only time I ever heard of a 'question pool' was on this ne
> ws
> group and it is the 'no-code' which I will be taking. I intend to pass my exa
> m
> by means of a bit of hard work which has been fitted into what spare time I h
> ave. I will take my full licence when I have the time and cash but I do not s
> ee what gives people who already have 'code' licences the right to treat us l
> ike
> second class users. Okay, so there are some people who choose to abuse their
```

> access to the radio amateur frequencies, but who has the right to generalise  
> and tar us all with the same brush.

Hmmm... then perhaps the W5YI newsletter is slightly off. But here in the United States, all the questions and answers for all license classes are published and readily available. Like I said, I don't have a big problem with Codeless Techs, but I do have a big problem with no-code bozos screaming for priveledges that they don't earn.

Tony

```
-----  
-- Anthony S. Pelliccio, kd1nr/ae      // Yes, you read it right, the //  
-- system @ garlic.sbs.com            // man who went from No-Code //  
-----// (Thhhppptt!) to Extra in //  
-- Flame Retardent Sysadmin          // exactly one year! //  
-----
```

```
-- This is a calm .sig! --  
-----  
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```

Date: Tue, 27 Apr 1993 16:08:25 GMT  
From: munnari.oz.au!hp9000.csc.cuhk.hk!uxmail!ustsu5.ust.hk!  
ee\_hflo@tcgould.tn.cornell.edu  
Subject: PC CW software  
To: info-hams@ucsd.edu

I have many CW softwares. All of them can send out morse code.

Are there any program can receive CW? It may require some interface with my morse key and computer.

```
-----  
| Lo Ho Fung Michael                | == Internet e-mail address == |  
| Department of                    | University : ee_hflo@stu.ust.hk |  
| Electrical & Electronic Engineering | Radio Call Sign : VR2YJR        |  
| The Hong Kong University          | Stand by at                     |  
| of Science & Technology            | VS6KP repeater : 145.650 MHz (-) |  
| Major : Computer Engineering      | VS6HKA repeater : 145.750 MHz (-) |  
-----
```

```
-----  
Date: 27 Apr 1993 17:40:03 -0400  
From: elroy.jpl.nasa.gov!swrinde!sdd.hp.com!nigel.msen.com!ilium!gdls.com!  
gdls.com!not-for-mail@ames.arpa  
Subject: TS-50 Accessories
```

To: info-hams@ucsd.edu

I called a Ham radio store (name escapes me) to check on the availability of accessories for the TS-50 and what you actually needed to operate the gear. I was told that the CW xtal filters weren't in the country yet, nor was the txco or the antenna tuner.

Can anyone confirm or deny this? Am I being fed a bunch of ..... ?

I would be interested in comments from anyone who has purchased one. I have read the comments on the net with interest.

Thanks

Bill

--

Bill Turini, KA4GAV  
Computer Sciences Corporation  
6000 E. 17 Mile Road  
Sterling Heights, MI 48313

Chief, Technical Systems  
turini@gdls.com  
(313) 825-8810

-----  
Date: Tue, 27 Apr 1993 15:46:10 EST  
From: anomaly.sbs.com!n1mpq!news@uunet.uu.net  
To: info-hams@ucsd.edu

References <1993Apr24.110011.23106@anomaly.sbs.com>,  
<930425.005606.2i7.rusnews.w165w@garlic.sbs.com>,  
<1993Apr26.082419.5909@wvnmms.wvnet.edu>  
Subject : Re: no-code defense

un027713@wvnmms.wvnet.edu writes:

>>> If you're so busy, how did you have time to study the Element 2 and 3A  
>>> question pools?  
>>  
>> Study? Who said anything about that. It's all rote memorization dude.  
>> Same as we did with our 4B's. :)  
>  
> Not everybody who takes the test memorizes the questions. Some of us like to  
> actually understand the theory behind the questions, and, IMHO, was easier  
> than memorization.  
>  
> Lighten up people.

Wait a second, it's you who should lighten up! It was a joke, get it?

Tony

```
-----  
-- Anthony S. Pelliccio, kd1nr/ae      // Yes, you read it right, the  //  
-- system @ garlic.sbs.com            // man who went from No-Code  //  
-----// (Thhhppptt!) to Extra in    //  
-- Flame Retardent Sysadmin          // exactly one year!          //  
-----
```

```
-- This is a calm .sig! --  
-----  
  
-----
```

Date: Tue, 27 Apr 1993 10:47:00 GMT  
From: nsisrv.gsfc.nasa.gov!news1.gsfc.nasa.gov!nssdca.gsfc.nasa.gov!  
stocker@ames.arpa  
To: info-hams@ucsd.edu

References <1993Apr24.110011.23106@anomaly.sbs.com>,  
<RFM.93Apr24165314@urth.eng.sun.com>, <1993Apr25.140637.14242@anomaly.sbs.com>  
Subject : Re: no-code defense

In article <1993Apr25.140637.14242@anomaly.sbs.com>, kd1hz@anomaly.sbs.com (Rev.  
Michael P. Deignan) writes...

>rfm@urth.eng.sun.com (Richard McAllister) writes:

>

>>Compare that to code which seems to need a half hour \*every day\* for several  
>>weeks.

>

>Several people in this area, KD1NR included, were able to pass their Element  
>1A with brief studying for several days (slightly or no more than the time  
>required to study the 3A pool...)

>

As usual with people who have a particular approach to life which they think  
God has personally passed on to them, you have jumped to a general conclusion  
from a few observations.

1) theory is easy for some people and not for others. The reasons are varied  
and no clear cut answers exist. I once read that theory particularly the  
math and physics end are a natural for "left brained people" those whose  
tendency is to Logic based reasoning.

2) code is easy for some people and not for others. The reasons are varied and  
no clear cut answers exist for the difference. In the same article it pointed  
out that "right brained" people have an easier time with things like code.  
These people are the ones whose reasoning is dominated by the emotion side and

tend to creativity.

For 6 months, I have been studying the morse code. I work at least 1 hour per day in 30 min sessions. I have the ARRL tapes, some other company tapes, morse by rythmn and self hypnosis tapes. I also attend a class that is also allowing me to practice a little. In addition, I have Morse academy and supermorse and one other morse program which name I forgot. The best I am consistently taking is 3wpm. Randomly I can on occasion get 5wpm.

I took 2 weeks to study the novice and technician written test. I practiced with a computer test program and studied an additional week to ensure that I understood every answer. Checking the handbook and my electronics texts for anything I missed or was not sure of. I passed the tests easily without any misses. I already can pass both the general and advanced written tests. Haven't done it because I still can't pass the 5wpm code.

I am continuing to plug at the code. I think within the next month or so I may consistently get 5wpm. Then I'll take the 1A test and the general written test. Then I will work the rest of the year to try to get 13wpm.

So, don't tell me how easy it is to learn the code and that some people you know did it after studying a couple of minutes. Great for those people! I'm happy for them. However, there are other avenues into the Ham hobby and the Amateur SS ought not be determining who and how REAL people should be allowed in the hobby.

I'm now a ham (as soon as the FCC does its part) and proud of it. I intend to upgrade as soon as I can get past the code obstacle. It isn't easy but it is worth it. Although I question incentive licensing when it makes some people think that they are superior to others.

Erich Franz Stocker

>MD

>--

>-- Michael P. Deignan	/ Sex is hereditary. If your
>-- Domain: mpd@anomaly.sbs.com	/ parents never had it, chances
>-- AT&TNet: +1 401 273 4669	/ are you won't either...
>-- Telebit: +1 401 455 0347	/

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End of Info-Hams Digest V93 #509

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